

ABSTRACT OF THE DISCLOSURE

An air quality management apparatus for use in a modular electrostatographic color printer. For air quality management a non-air-conditioned open-loop portion is provided for managing quality of air in a first interior volume, and an air-conditioned recirculation portion is provided for managing quality of air in a second interior volume. The first interior volume includes a fusing station for fusing color images on receiver members. The second interior volume includes a number of tandemly arranged image-forming modules, as well as an auxiliary chamber associated with, yet isolated from, each module, such that air-conditioned air flowing through each module does not mix with air-conditioned air supplied to the modules and to devices within the modules. The second interior volume is differentiated from the first interior volume by at least one separating member. The air-conditioning device is for controlling temperature and relative humidity of air included in the second interior volume.